

### Abstract

Volatile organic compounds containing carbonyl groups can be released by lithographic printing materials including inks, fountain solutions and printed materials.

- 5 Volatile organic compounds containing carbonyl groups can also have a serious negative impact on the taste or odor of staple materials such as foodstuffs. The volatile materials can be retained in the lithographic compositions and printed materials can be trapped in the printed materials using an improved reactive technology involving a chemically reactive trap for such volatile carbonyl containing compounds.

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